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NEW DELHI, SATURDAY, MARCH 22, 2003 (CHAITRA 1, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Kolkata, the 22nd March 2003

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443, Annasalai, Teynampet,
Chennai-600 018.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
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Telegraphic Address "PATENTOFFIC"

Phone No. (044) 431 4324/4325/4326.

Fax No. (044) 431 4750/4751.

4. Patent Office (Head Office),
Nizam Palace, 2nd M.S.O. Building,
5th, 6th & 7th Floor,
234/4, Acharya Jagadish Bose Road,
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"

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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 as amended the Patents (Amendment) Act, 1999 or the Patents Rules, 1972 as amended by The Patents (Amendment) Rules, 1999 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय
एकस्व तथा अभिकल्प

कोलकाता, दिनांक 22 मार्च 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,
टोडी इस्टेट, तीसरा तल,
सन मिल कम्पाउंड,
लोअर पोरल (वेस्ट),
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश,
गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं
संघ शासित क्षेत्र, दमन तथा दीव,
दादर और नगर हवेली ।

तार पता - "पेटेंटोफिस"

फोन - (022) 492 4058, 496 1370, 490 3684.

फैक्स - (022) 495 0622.

2. पेटेंट कार्यालय शाखा,
डब्ल्यू-5, वेस्ट पटेल नगर,
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"

फोन - (011) 587 1255, 587 1256, 587 1257,
587 1258, 587 7245.

फैक्स - (011) 587 6209, 587 2532.

3. पेटेंट कार्यालय शाखा,
गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,
443, अन्नासलाई, तेनाम्पेट,
चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ
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तार पता - "पेटेंटोफिक"

फोन - (044) 431 4324/4325/4326.

फैक्स - (044) 431 4750/4751.

4. पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5वां, 6वां व 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन - (033) 247 4401, 247 4402, 247 4403.

फैक्स - (033) 247 3851, (033) 240 1353.

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है।

ALTERATION OF DATE UNDER SECTION 16.

189538 (851/CAL/99) Antedated to 21st July 1998

189539 (647/CAL/2000) Antedated to 24th May 1996.

189540 (121/CAL/2001) Antedated to 16th February 1996.

ALTERATION OF DATE

189550 FILED ON 14.2.1995.

Application No. 231/DEL/1995 Antedate to 14th May 1990.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

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स्वीकृत संपूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाइल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/-रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/-रुपये की अदायगी पर की जा सकती है।

Indian Classification	:	170 A	189511
International Classification ⁴	:	C 11 D - 1/02	
Title	:	"A LAUNDRY DETERGENT COMPOSITION".	
Applicant	:	THE PROCTER & GAMBLE COMPANY, a corporation organized and existing under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, Ohio- 45202, United States of America,	
Inventors	:	FAKOUKAKIS EMANUEL PANTELIS LEE EDWIN NG BOTH PHILIPPINES CITIZEN	

Application for Patent Number 728/Del/1994 filed on 08.06.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi – 110 008.

(18 Claims)

A laundry composition comprising:

- (a) from 10 to 60% by weight of an anionic detergent surfactant,
- (b) from 5 to 60% by weight detergent builder ,
- (c) from 1 to 30% by weight fabric softening clay, and
- (d) 0.001 to 30% by weight of said fabric softening clay of a clay flocculating agent to improve the clothes softening benefit of the fabric softening clay, and
- (e) the balance being optional conventional detergent components as herein described.

(COMPLETE SPECIFICATION 29 SHEETS DRAWING SHEETS -NIL-)

Indian Classification : 151 D 189512
 International Classification : B 21D 39/02
 Title : "A METHOD OF PRODUCING A COATED SEAMED METAL TUBE"
 Applicant : THE IDOD TRUST, a Michigan Trust located at 888 Andover, Northville, Michigan, 48167, U.S.A.
 Inventors : HERZL KRENGEL – U.S.
 JOHN JOSEPH BORZYM – U.S.
 CHARLES ANTHONY WILLETTE – BRITISH.

Application for Patent Number 738/DEL/94 filed on 09.6.94

Convention date 26.5.94/ 63371/94/ AUSTRALIA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

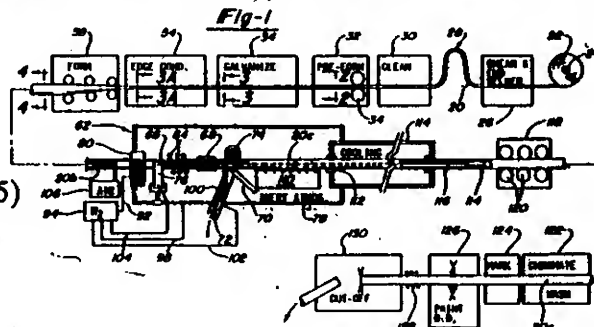
(9 Claims)

A method of producing a coated seamed metal tube having a metal coating from a continuously moving relatively flat metal strip, characterised in that the said method comprises following steps performed in sequence:

- applying a metal coating having a melting temperature below the melting temperature of the said metal strip,
 - rolling and forming said metal strip into a tube-shaped strip or a circular body or an annular tube having opposite adjacent spaced lateral edges,
 - heating and welding said adjacent edges of said metal strip or said tube to form a tube having a welding seam,
 - reheating at least a lower portion of said tube with the seam located in a lower portion of the said tube to the melting temperature of said metal coating,
- wherein

said coating is selected from a group consisting of zinc, aluminium and their alloys, and

said steps of heating, welding and reheating are carried out in non-oxidising atmosphere, preferably in the presence of non-oxidising gas under pressure.



(Complete Specification Pages – 21 Drawing sheets - 5)

Indian Classification : 14 C 189513
 International Classification : H 02J 7/04
 Title : "A BATTERY CHARGER FOR CHARGING A BATTERY"
 Applicant : MOTOROLA INC., a corporation of the State of Delaware,
 United States of America, of 1303 East Algonquin Road,
 Schaumburg, Illinois 60196, United States of America.
 Inventors : JOSEPH PATINO – US
 MICHAEL DANIEL NIGRO – US
 JOHN DEWEY FISKE – US.

Application for Patent Number 740/DEL/94 filed on 09.6.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch,
 New Delhi – 110 008.

(3 Claims)

A battery charger for charging a battery comprising:

a charging means for charging the battery;

a controller coupled to the charging means, comprising:

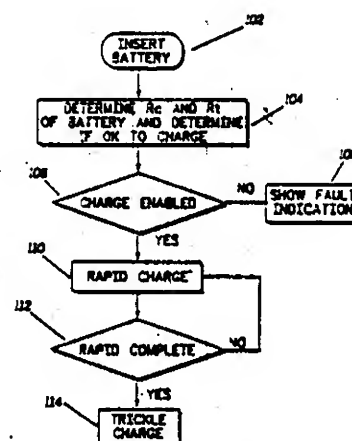
means for monitoring the voltage of the battery;

means for determining a dynamic baseline voltage for the battery after the battery has been charged
 for predetermined period of time by the charging means;

means for establishing a voltage range based on the dynamic baseline voltage of the battery; and

means for adjusting the rate at which the battery is being charged by the charging means if the
 voltage of the battery falls outside of the voltage range.

FIG. 1
 (PRIOR ART)



(Complete Specification Pages – 12 Drawing sheets – 4)

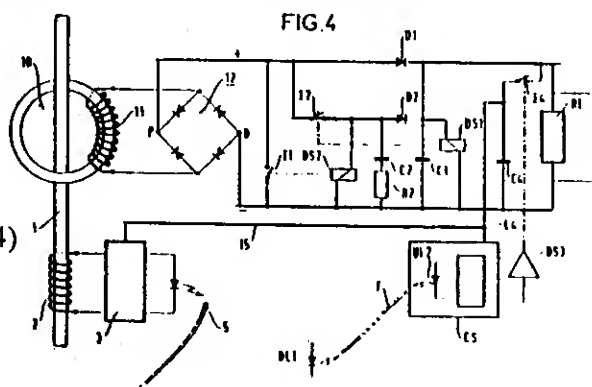
Indian Classification	:	68 E1	189514
International Classification	:	G 05 1/585	
Title	:	"AN IMPROVED DEVICE FOR SUPPLYING A VOLTAGE TO AN ELECTRONIC CIRCUIT"	
Applicant	:	GEC ALSTHOM T & D SA., a French company, of 38, avenue Kleber, 75116 Paris, France.	
Inventors	:	JEAN-PAUL MONCORGE – FRANCE.	

Application for Patent Number 743/DEL/94 filed on 10.6.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(4 Claims)

An improved device for supplying a power supply voltage to an electronic circuit, in particular to an electronic circuit (3) associated with a current sensor for measuring the electrical current in a high-tension line, said device comprising a current transformer having a primary circuit and a secondary circuit (11), a rectifier bridge (12) shunting the secondary circuit and output terminals (P, Q) of the rectifier bridge, a first capacitor (C1) in parallel with a first resistor (R1) across which said power supply voltage (U) is obtained, a first switch (I1) being disposed between the output terminals (P, Q) of the rectifier bridge, characterized in that it comprises between the output terminals (P, Q) of the rectifier bridge a branch comprising in series a second capacitor (C2), a second switch (I2) and a second resistor (R2), the first switch (I1) being controlled by a first threshold detector (DS2) shunting the second capacitor (C2), the second switch (I2) being controlled by a second threshold detector (DS1) shunting the first capacitor (C1), the first and second threshold detectors (DS1, DS2) respectively closing the first and second switches (I1, I2) when predetermined first and second thresholds (s1, s2) are respectively reached.



(Complete Specification Pages – 13

Drawing sheet – 4)

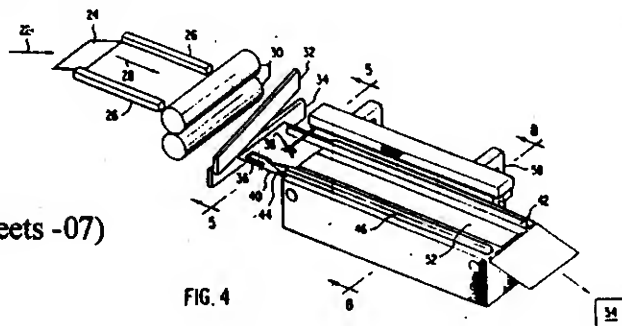
Indian Classification	:	127 I	189515
4			
International Classification	:	HO1 F 41/02	
Title	:	“ A MACHINE FOR MAKING SETS OF MAGNETIC RIBBONS FOR USE IN DISTRIBUTION TRANSFORMER CORES.”	
Applicant	:	AlliedSignal Inc., a corporation organized under the laws of the State of Delaware, UNITED STATES OF AMERICA, of 101 Columbia Road, Morrisotwn, New Jersey 07962; UNITED STATES OF AMERICA.	
Inventors	:	MARK ERNEST RAND – U.S.A. & DUNG ANH NGO – U.S.A.	

Application for Patent Number 0749/DEL/94 filed on 14-06-94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(07 Claims)

A machine for making sets of magnetic ribbons for use in distribution transformer cores, the machine comprising moving means (30) as herein described in alignment with cutting means (32, 34) as herein described for cutting a plurality of magnetic ribbons into a group and characterised by assembling means (52, 58, 60, 62) as herein described in alignment with and co-operating with said cutting means (32, 34) for assembling a plurality of said formed groups by a feed-assist device (38) adjacent said cutting means (32, 34) for moving all formed groups of the assembly from said cutting means (32, 34) by an index distance.



(Complete Specification Pages 18 Drawing Sheets -07)

Indian Classification : 15 B 18951

International Classification : F 16 C, 9/00, 13/02, 13/04, 13/06.

Title : "A DEVICE FOR VARYING THE FOIL SHAFT CLEARANCE IN A LEAF TYPE FOIL BEARING"

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001. India, an Indian registered body incorporated under the Registration of Societies Act.

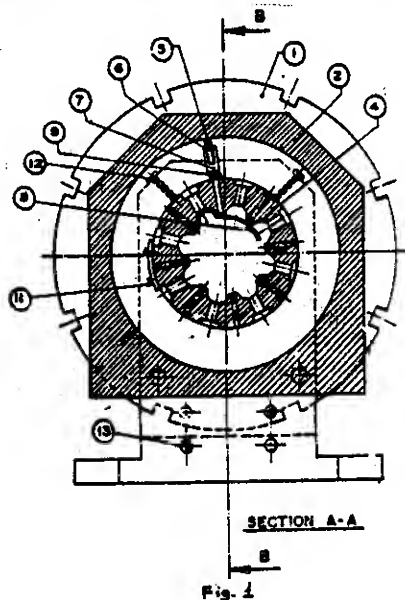
Inventors : VYASA MURTHY ARUN KUMAR,
ULLATTIL PARAKKUNNATH SANKUNI,
SUNDAR RAJA RAO RAMAMURTHY
MUSALAPPA ANANDA
ALL INDIAN.

Application for Patent Number 787/Del/94 filed on 24.06.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(03 Claims)

A device for varying the foil shaft clearance in a leaf type foil bearing which comprises a foil holder casing (4) housed in a slotted thumb wheel (1), the said thumb wheel being provided with two threaded portions having a left hand and right hand thread on either side, the said threaded portions of the said thumb wheel having two nuts (2) with matching threads, the said nuts having tapered surfaces, the tapering being from outside to inside axially, plurality of equidistantly placed spring loaded pins (5, 7 & 9) resting on the said tapered surfaces of the said nuts to contact with the foils at a location close to the fixed end (8), locking nuts (6) being provided on the said pins (5, 7 & 9).



(COMPLETE SPECIFICATION -07- SHEETS

DRAWING SHEETS -02-)

Indian Classification	:	32B.	189517
International Classification ⁴	:	C07C 15/00	
Title	:	"AN IMPROVED PROCESS FOR THE SIMULTANEOUS EXTRACTION OF AROMATICS & NON-AROMATICS FROM NAPHTHA & KEROSENE RANGE PETROLEUM FRACTIONS".	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	BACHAN SINGH RAWAT. MOHAN KRISHAN KHANNA. SHRIKANT MADHUSUDAN NANOTI. GURU PRASAD. JYOTSANA NAITHANI. BHAGATRAM NAUTIYAL. DHARAM PAUL-ALL INDIAN.	

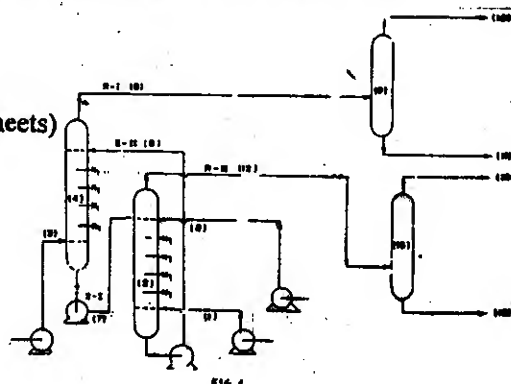
Application for Patent Number 788/DEL/94 filed on 24.06.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)
Patent Office, Delhi Branch, New Delhi - 110 008.

(07 Claims)

An improved process for the simultaneous extraction of aromatics & non-aromatics from naphtha and kerosene range petroleum fractions which comprises contacting countercurrently the heavy hydrocarbon stream in an extractor (2) with a lean solvent such as herein described or mixtures thereof, at the solvent to hydrocarbon feed ratio range from 0.5 to 10 by volume, contacting countercurrently the light hydrocarbon stream in an extractor (4) with the extract phase obtained from the extractor (2), introducing countercurrently the extract phase produced in the extractor (4) to the extractor (2) to substitute the lean solvent temperatures in the said extractors are maintained between 30-100°C, washing the raffinates produced from the extractors (2) and (4) with water separately and fractionating the two raffinates by conventional methods also separately, to get dearomatized naphtha and kerosene aromatics from extractor (4), and naphtha aromatics and dearomatized kerosene from extractor (2) the said washing is effected at a temperature ranges from 20-60°C.

Complete Specification Pages 15. Drawing 01 Sheets)



Indian Classification	:	143 D1, 143 D4.	189518
International Classification ⁴	:	B 65B 31/02	
Title	:	"A METHOD FOR PRODUCING A PACKAGED FOODSTUFF"	
Applicant	:	VAN LEER SOUTH AFRICA (PROPRIETARY) LIMITED, a company registered according to the laws of the Republic of South Africa, of Van Leer House, 15 Wellington Road, Parktown, Johannesburg, South Africa.	
Inventors	:	CARLOS ALBERTO LEAL PEREIRA DA SILVA – South Africa.	

Application for Patent Number 804/DEL/94 filed on 28.6.94.

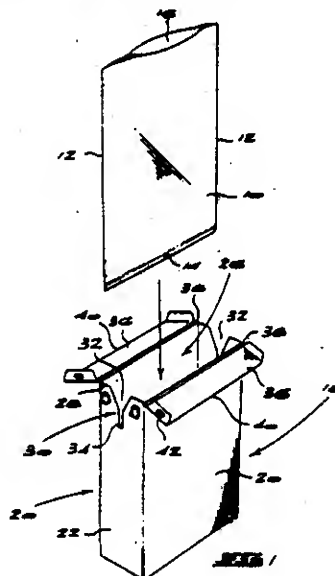
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(8 Claims)

A method for producing a packaged foodstuff, the process including the steps of:

- placing a flexible bag having an opening into a mould;
- introducing the foodstuff into the bag through the opening;
- creating a vacuum in the bag thereby providing a substantially oxygen-free atmosphere in the bag;
- sealing the bag to close the opening while maintaining the vacuum in the bag;
- characterised in that said mould defines a cavity of pre-determined shape thereby forming a packaged foodstuff having a shape that is substantially defined by the mould.

(Complete Specification Pages – 9. Drawing sheet – 1)



Indian Classification : 51 A 189519
International Classification : A 01G 23/12
Title : "A RUBBER TAPPING KNIFE"
Applicant : SAJU CHACKO SEBASTIAN, an Indian Nationals of D-307
Kidwai Nagar, New Delhi - 10 023, India.
Inventors : SAJU CHACKO SEBASTIAN - INDIAN.

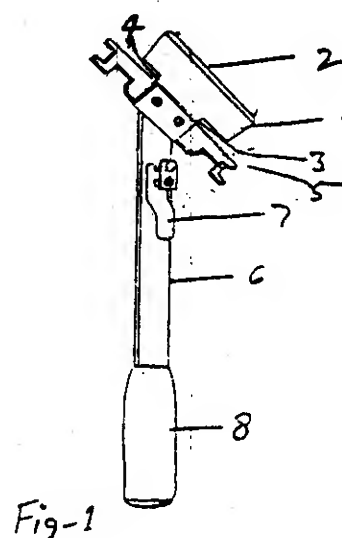
Application for Patent Number 856/DEL/94 filed on 07.7.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch,
New Delhi - 110 008.

(3 Claims)

A rubber tapping knife comprising a knife plates 1 and 2 having bent portion provided therewith at one side thereof, the other side of said knife plates 1 and 2 adapted to be secured with a mounting plate 5 being secured with a handle sheet 6 movably, a knife locking spring 7 being provided with said handle sheet 6 for locking said mounting plate 5, a wooden handle grip 8 being provided at the other end of said handle sheet 6.

(Complete Specification Pages - 5 Drawing sheet - 1)



Indian Classification	:	208	189520
International Classification	:	B 43K 19/16	
Title	:	"A PENCIL AND AN IMPROVED PROCESS FOR THE MANUFACTURE THEREOF"	
Applicant	:	THE DIRECTOR, FOREST RESEARCH INSTITUTE, P.O. New Forest, Dehra Dun, an Indian Research Institute of Government of India.	
Inventors	:	PATRI VENKATA RAMANA MURTHY KRISHNA RAO AND SAILENDRA NATH SANYAL – INDIAN.	

Application for Patent Number 862/DEL/94 filed on 11.7.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(3 Claims)

An improved process for the manufacture of pencils comprising machining the wood slats to prepare the groove therein, placing lead bars into said grooves and securing said slats with each other so as to form the pencil blocks, subjecting said pencil blocks so manufactured to the step of machining to prepare pencils therefrom, dipping said pencils in the colored melted paraffin wax for 20 to 120 seconds at a temperature of 60-100°C, the waxed pencils being subjected to the step of conditioning in a hot chamber for 2 to 8 hours at a temperature of 60 to 100°C and then subjecting said conditioned pencils to the conventional steps of painting and printing.

(Complete Specification Pages – 6 Drawing sheet – NIL)

Indian Classification : 39 1, N 189521
4
International Classification : F 42 B 3/00
Title : "A COMPOSITION USEFUL AS SMALL
DIAMETER CAP SENSITIVE
EXPLOSIVE FOR PERIMETER
BLASTING IN TUNNELING."
Applicant : COUNCIL OF SCIENTIFIC AND
INDUSTRIAL RESEARCH, Rafi Marg,
New Delhi-110001, India, an Indian
registered body incorporated under the
registration of Societies Act (Act XX1 of
1860).
Inventors : MD. NABIULLAH-INDIA,
BRAJ MOHAN PAT PINGUA - INDIA,
JAGDISH - INDIA,
RAM BRAT SINGH - INDIA &
BHARAT BHUSAN DHAR - INDIA.

Application for Patent Number 1510/DEL/94 filed on 24.11.94

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)
Patent Office Branch, New Delhi - 110 008.

(06 Claims)

A composition useful as small diameter cap sensitive explosive for perimeter blasting in tunneling and other excavation work, which comprises an oxidizing agent such as herein described in the range of 80 to 90 wt% reducing agent such as herein described in the range of 10.0 to 15 wt% a crosslinking agent such as herein described in range of 0.6 to 0.4 wt% gassing agent such as herein described the range of 0.4 to 0.6 wt% making total of 100 wt%.

(Complete Specification Pages 08 Drawing Sheet -Nil)

Indian Classification : 40 F 189522

International Classification : G 01 N-33/18

Title : "AN IMPROVED PROCESS FOR THE PREPARATION OF IMMOBILIZED MICROBIAL COMPOSITION USEFUL AS SEED INOCULUM IN BOD TEST".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India (An Indian Registered Body, Incorporated under Registration of Societies Act)

Inventors : RITA KUMAR
ANIL KUMAR
ALKA SHARMA
SHARAD VISHWANATH GANGAL
ALL INDIAN.

Application for Patent Number 1519/Del/94 filed on 24.11.94.

Complete left after Provisional on 26.02.96

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(05 Claims)

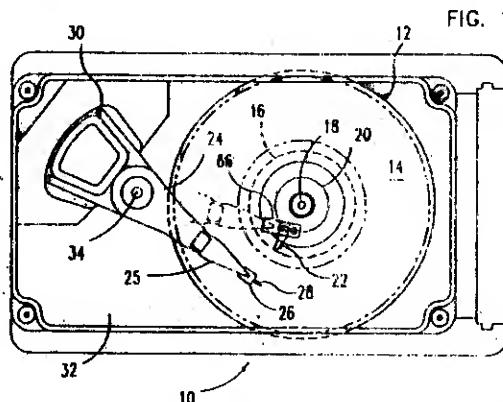
A process for preparation of immobilized microbial composition useful as seed inoculum in BOD test which comprises mixing in equal proportion the suspension cultures of bacteria selected from species of *Enterobacter*, *citrobacter*, *Pseudomonas*, *Yersina*, *Klebsiella*, *Enterobacter*, *Serratia* having specification such as herein described, centrifuging the resultant mixture for a period of 30 minutes at a temperature 4° C to get solid mass, re centrifuging the obtained mass by dissolving in water, mixing the resultant microbial mass with immobilizing agent selected from the sodium alginate, calcium alginate solution ranging 1-4% to get a slurry of desired microbial composition, adding the said slurry to 0.1 M calcium chloride solution to get beads of said microbial composition and curing the beads by conventional methods such as herein described.

(COMPLETE SPECIFICATION 28+04=32 SHEETS DRAWING SHEETS – NIL -)

Indian Classification	23 H	189523
International Classification ⁴	G 08 C 9/00	
Title	"A DISK DRIVE FOR THE STORAGE AND RETRIEVAL OF DATA."	
Applicant	INTERNATIONAL BUSINESS MACHINES CORPORATION, of the State of New York, U.S.A., of Armonk New York, 10504, U.S.A.	
Inventors	LOWELL JAMES BERG - U.S.A. ZINE EDDINE BOUTAGHOU - U.S.A. THOMAS SCOTT LARSON - U.S.A. DALLAS W. MEYER - U.S.A. JAY MICHAEL MOSBRUCKER - U.S.A. JERRY LEE NEUBAUER - U.S.A. HAL HJALMAR OTTESEN - U.S.A.	
Application for Patent Number	1533/del/1994	filed on 28/11/1994
Delhi Branch	Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch 110 008.	

(Claims 04)

A disk drive for the storage and retrieval of data comprising : - a base plate, - a disk with two sides having a magnetic coating on at least one of said two sides, said disk having an inside edge, - a hub fixedly attached to said disk for supporting said disk, - an electric motor having at least a rotor for rotating said disk and said hub, said hub having an axis of rotation, and drivingly engaged with said rotor, - a shaft fixedly supported by said base plate and coaxial with said hub and said disk, said shaft rotatably supporting and extending through said hub, - a magnetic read/write head, - an actuator arm for positioning said magnetic head relative to said disk and moveable to pass said head over said magnetic coating of said disk in a generally radial path relative to said hub, - a load/unload ramp for displacing said head from said magnetic coating of said disk in response to said actuator arm movement of said head toward said axis of rotation of said hub, said load/unload ramp comprising an inclined surface with an included angle between said disk and said inclined surface of less than 20 degrees, said load/unload ramp further including a retaining formation displaced from said disk and engageable with said actuator arm for holding said magnetic head in a position displaced from said disk, said load/unload ramp disposed proximate axis of rotation, fixedly supported by said shaft, and extending generally radially from said axis of rotation and over said inside edge.



Indian Classification	: 194 C 1	189524
International Classification ⁴	: H 01 J 31/00	
Title	: "ELECTRON GUNS FOR COLOR CATHODE RAY TUBE".	
Applicant	: L.G.ELECTRONICS INC. incorporated under the laws of Republic of Korea whose address is #20 Yoido-dong, Young dungpo-gu, Seoul, Korea.	
Inventors	: JIN YEOL CHOI-KOREA.	

Application for Patent Number 1560/Del/94 filed on 01.12.1994.

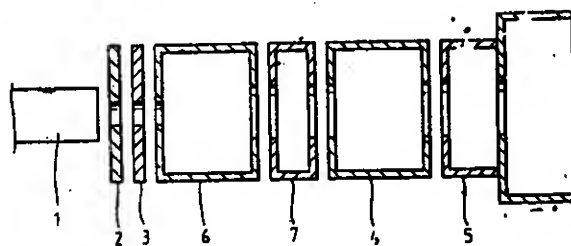
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(09 Claims)

Electron guns for color cathode ray tube comprising:

A first grid electrode (2); second grid electrode (3); third grid electrode (6); fourth grid electrode (7); first accelerating/ focusing electrode (4); second accelerating/ focusing electrode (5); and shield cup (8); disposed in line sequentially from cathode to screen and a correction electrode (11); characterized in that having horizontally elongated electron beam passing holes (11a); is fixed in said second accelerating/ focusing electrode located between an inner shield (10); fixed to said second accelerating/ focusing electrode (5); and said shield cup.

FIG. 2
Prior art



(COMPLETE SPECIFICATION -12

PAGES DRAWING SHEET -04-)

Indian Classification :- 206 E 189525

International Classification⁴ :- G 06 F 9/38, G 06 F 3/00

Title :- "A PROCESSING SYSTEM".

Applicant :- INTERNATIONAL BUSINESS MACHINES CORPORATION, of the States of New York, U.S.A., of Armonk, New York 10504, U.S.A.

Inventors :- SEUNGYOON PETER SONG - U.S.A.

Application for Patent Number 1600/del/1994 filed on 12/12/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch - 110 008.

(Claims 11)

A processing system comprising - execution circuitry for executing instructions, - dispatch circuitry coupled to said execution circuitry for dispatching particular instruction to said execution circuitry means for execution, and dispatching an execution serialized instruction to said execution circuitry after dispatching said particular instruction prior to finishing execution of said particular instruction, after dispatching said particular instruction, said dispatch circuitry outputs an indication to said execution circuitry to inhibit execution of said dispatched execution serialized instruction by said execution circuitry, and - said step of dispatching said execution serialized instruction includes the step of outputting an indication to said execution circuitry to inhibit execution serialized instruction by said execution circuitry.

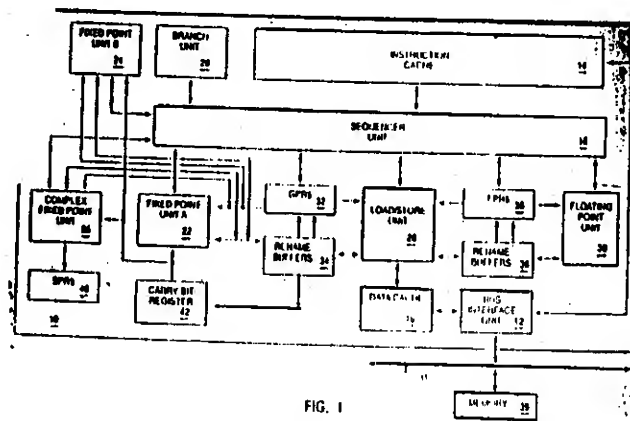


FIG. 1

Complete Specification

No of Pages

57

Drawings Sheets

Indian Classification	: 69 B	189526
International Classification ⁴	: F 21 V 23/04	
Title	: "SWITCH DEVICE FOR VEHICLE "	
Applicant	: HONDA GIKEN KOGYO KABUSHIKI KAISHA, a corporation of Japan, of 1-1-, Minamiaoyama 2- chome.Minato-ku, Tokyo, Japan.	
Inventors	: NOBUAKI KOMURO - JAPAN TADASHI ONOZUKA - JAPAN	

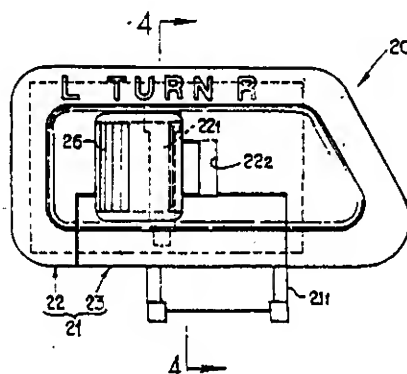
Application for Patent Number 1610/Del/94 filed on 14.12.94

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(02 Claims)

A switch device for a vehicle comprising a casing (21) having a first inner wall surface and a second inner wall surface spaced apart from each other,
a pivot shaft (22₁) located within said casing
a switch knob (26) pivotally supported on said pivot shaft (22₁) characterized in that
a first fixed contact (35N, 35R, 35L) located on said first inner wall surface of said casing for mounting a winker lamp
and a second fixed contact (38N, 38R, 38L) provided on a second inner wall surface for position lamp,
a first movable contact holder (34) for said winker lamp between said switch knob (26) and said first inner wall surface and pivotable about said pivot shaft (22) in interlocking relationship,
said movable contact holder (24) having a movable contact (34) for said winker lamps contactable with said first fixed contacts (35N, 35R, 35L) for said winker lamps;
and a second movable contact holder for said position lamps provided between said switch knob (26) and said second inner wall surface
and pivotable about said pivot shaft (22₁) in interlocking relationship,
said movable contact holder (28) having a movable contact (36,37) for said position lamps contactable with said second fixed contacts (38N, 38R, 38L) for said position lamps.

FIG. 3



Indian Classification :- 94 H 189527

International Classification⁴ :- B 21 B 1/00, 3/02, 17/00, 13/00, 13/04

Title :- "A SINGLE STRAND BLOCK-TYPE ROLLING MILL."

Applicant :- MORGAN CONSTRUCTION COMPANY, of 15 Belmont Street, Worcester, Massachusetts 01605, United States of America.

Inventors :-
TERENCE MICHAEL SHORE - U.K.
HAROLD ERNEST WOODROW - U.S.A.

Application for Patent Number 1626/del/1994 filed on 15/12/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch 110 008

(Claims 07)

A single strand block-type rolling mill characterized by a planar base structure extending in parallel relationship to the mill pass line; a plurality of housings being secured to said base structure and having mutually overlapping portions secured to one another, each of the said housings enclosing intermediate drive means as herein described for driving a pair of roll shafts carrying one of said pairs of work rolls, said intermediate drive means being mechanically coupled to each other and to a common mill drive.

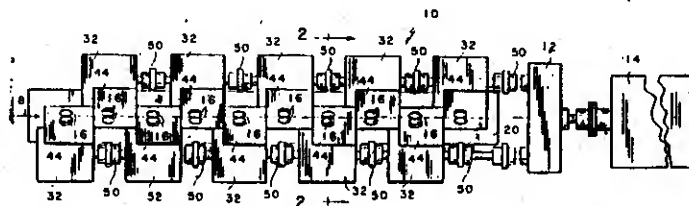


FIG. 1

Complete Specification

No. of Pages

10

Drawings Sheets

04

Indian Classification	:	50 F	189528
International Classification ⁴	:	F 25 D 1/00	
Title	:	"A MICROWAVE OVEN HAVING A ROTARY GRILL HEATER".	
Applicant	:	L.G.ELECTRONICS INC. incorporated under the laws of Republic of Korea whose address is #20 Yoido-dong, Young dungpo-gu, Seoul, Korea.	
Inventors	:	SOO - HUN LEE - KOREA	

Application for Patent Number 627/Del/94 filed on 15.12.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

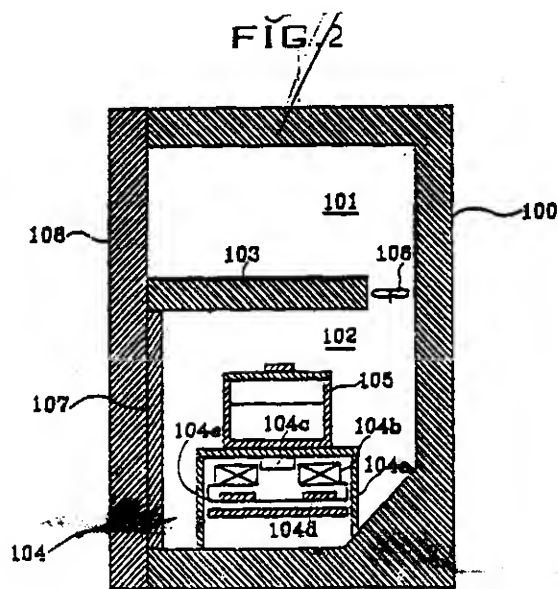
(05 Claims)

A refrigerator having a fermentation room using a radio frequency induction heating comprising:

A fermentation room;(102)

A container (105) placed in said fermentation room for taking cusody and/or fermenting foods put therein; and

Induction heating means(104) for supplying said container with a heat generated by a radio frequency induction heating.



(COMPLETE SPECIFICATION 11 PAGES DRAWING SHEET -02-)

Indian Classification	: 179.E	189529
International Classification	: F 16 C, 33/72.	
Title	: "A SEALING APPARATUS FOR PLAIN BEARING PORTION".	
Applicant	: HONDA GIKEN KOGYO KABUSHIKI KAISHA, a corporation of Japan, of 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan..	
Inventors	: SHINJI ITO - JAPAN	

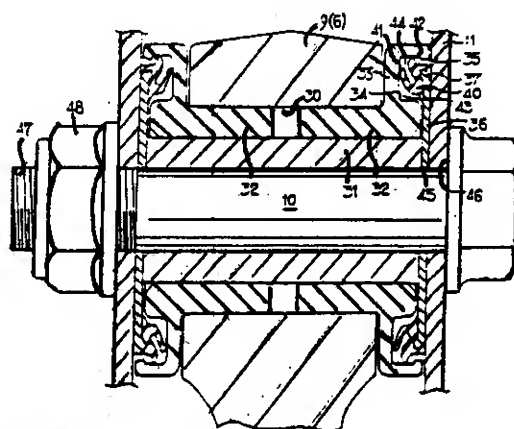
Application for Patent Number 1640/Del/94 filed on 19.12.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(02 Claims)

A sealing apparatus for a plain bearing portion wherein said plain bearing covered with a seal cap and a seal member being interposed between a circumferential edge portion of said seal cap and a seal recessed portion on a bearing boss side formed at a position corresponding to said circumferential edge portion of said seal cap, characterized in that said seal member is mounted on said circumferential edge portion of said seal cap while a main lip and a sub lip which extend into said seal recessed portion are formed on the seal cap such that said main lip is closely contacted with an inner wall of said seal recessed portion from a thrust direction while said sub lip is formed on an outer peripheral portion of said seal member so as to extend outwardly in a radial direction, said sub lip being engaged with an engaging portion which is formed on an outer periphery side of an edge portion of an opening of said seal recessed portion and extends inwardly in a radial direction to prevent coming off of said seal member.

FIG. 1



(COMPLETE SPECIFICATION -13- SHEETS

DRAWING SHEETS -03-)

Indian Classification : 49 F 189530

International Classification⁴ : A 21 B 1/00 / F 24 B 1/00. 3/00 / F 24 C 1/00, 1/14, 11/00

Title : "MICROWAVE OVEN HAVING ROTARY GRILL HEATER".

Applicant : L.G.ELECTRONICS INC. incorporated under the laws of Republic of Korea whose address is #20 Yoido-dong, Young dungpo-gu, Seoul, Korea.

Inventors : CHUL-HO, KWON-KOREA

Application for Patent Number 1658/Del/94 filed on 22.12.1994

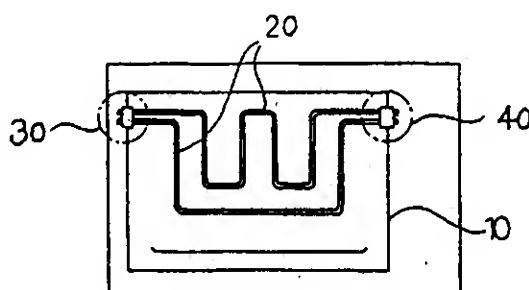
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(06 Claims)

A microwave oven having a Rotary grill heater comprising:

a grill heater with the mid portion bent and projected and rotary means which is connected with the end sides of the grill heater, for rotating the grill heater together, wherein said rotary means comprises; first rotary means in which one ends of the of the grill heater are inserted, for controlling a rotary angle of said inserted grill heater; and second rotary means in which the other ends of the grill heater is inserted, and being rotated with the rotation of said first rotary means.

FIG. 3



(COMPLETE SPECIFICATION-12- SHEETS

DRAWING SHEETS -05)

Ind.Cl : 186 B. **189531**

Int.Cl⁴ : H 04 N -7/133.

Title : APPARATUS FOR CODING AN OBJECT REGION OF A VIDEO SIGNAL BY USING A REARRANGED BLOCK-BASED TECHNIQUE.

Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5-GA, NAMDAEMOON-RO, JUNG-GU, SEOUL, REPUBLIC OF KOREA.

Inventor : JIN-HUN KIM.

Application no. 1225/CAL/96 FILED ON 04.07.1996.
(Convention no. 96-17810 FILED ON 23.05.1996 IN SOUTH KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

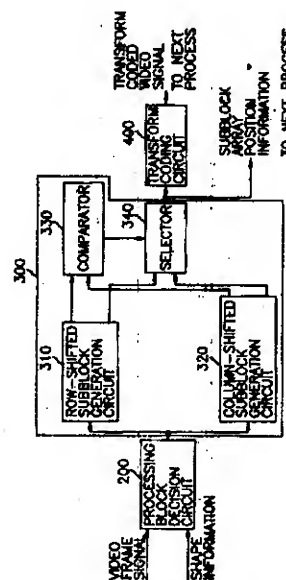
4 CLAIMS.

An apparatus for coding an object region of a video signal, by using a rearranged block-based technique wherein the video signal includes a zero masked region, the object region, the shape information representing the shape of the object region; and is divided into a plurality of equal-sized subblocks, each of the subblocks having $M \times M$ pixels with M being positive integer, the said apparatus comprising :

Processing block decision circuit (200) for selecting a processing block encompassing the object region based on the shape information to generate a processing block signal and processing block position data, wherein the processing block includes $P \times Q$ subblocks, P and Q being positive integers;

Subblocks rearrangement circuit (300) for rearranging the subblocks of the processing block to generate a rearranged processing block having a minimum number of subblocks encompassing the object region and position information representing the positions of the rearranged subblocks; and

Transform coding circuit (400) for converting the rearranged processing block on a subblock-by-subblock basis into a transform-coded video signal.



Complete Specification : 21 pages.

Drawing : 5 sheets.

Ind.Cl : 32 FC **189532**

Int.Cl⁴ : C 12 P 7/18

Title : A PROCESS FOR PRODUCTION OF 1,3-PROPANEDIOL.

Applicant : E.I DU PONT DE NEMOURS AND COMPANY, OF 1007 MARKET
WILMINGTON, DELAWARE 19898, UNITED STATES OF AMERICA.
AND GENENCOR INTERNATIONAL, INC. OF 4, CAMBRIDGE
PLACE, 1870 SOUTH WINTON ROAD, ROCHESTER, NEW YORK
14618, UNITED STATES OF AMERICA.

Inventor : 1. ANNE LISA LAFFEND.
2. VASANTHA NAGARAJAN.
3. EDWIN CHARLES NAKAMURA.

Application no. 848/CAL/96 FILED ON 09.05.1996.

(Convention no. 08/440293 FILED ON 12.05.95 IN U.S.A.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

7 CLAIMS.

A process for production of 1,3-propanediol comprising reacting a carbon substrate of the kind such as hereindescribed or glycerol with a dehydratase enzyme of the kind such as hereindescribed in the manner such as herein described.

Complete Specification : 77 pages.

Drawing : 2 sheets.

Ind.Cl : 32 E 189533

Int.Cl⁴ : C 09 D 5/18

Title : A THERMAL PROTECTIVE COMPOSITION.

Applicant : NU-CHEM, INC. OF 2200, CASSENS DR., FENTON, MISSOURI
63026, UNITED STATES OF AMERICA.

Inventor : MALKIT S. DEOGON.

Application no. 1152/CAL/96 FILED ON 20.6.1996.

(Convention no.494,993 FILED ON 27.6.95 IN U.S.A.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

11 CLAIMS.

A char-forming thermal protective composition comprising a binder, such as herein described, a source of carbon, such as herein described, a blowing agent, such as herein described, which forms a gas when exposed to thermal extremes for expanding the char, and at least 0.5% elemental boron by weight of the binder.

Complete Specification : 19 pages.

Drawing : 4 sheets.

Ind.Cl : 163 D **189534**

Int.Cl⁴ : B 01 D 35/34 B 01 D 29/11

Title : LUBRICATING-OIL FILTER PARTICULARLY FOR INTERNAL COMBUSTION ENGINES.

Applicant : KNECHT FILTERWERKE GMBH., OF PRAGSTR, 54,
D-70376 STUTTGART, GERMANY.

Inventor : 1. ELKE BRUSS.
2. HANS JENSEN.
3. ROLF MOHLE.

Application no. 1224/CAL/96 FILED ON 03.07.1996.

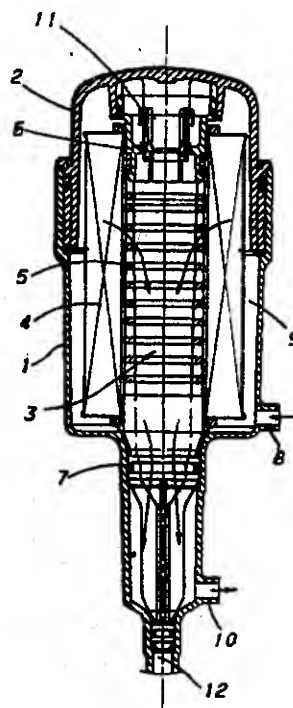
Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

7 CLAIMS.

Lubricating-oil filter particularly for internal combustion engines comprising :

- a) a filter-housing cup (1) is arranged approximately vertical and can be closed from above by means of a screw cover (2),
- b) the filter-housing cup (1) has an inlet port (8) for oil which is to be cleaned and an outlet port (10) for cleaned oil and has an additional outlet port (12) in the central bottom region of said filter-housing cup (1) through which cleaned and uncleaned oil can flow out together through the additional outlet port (12) and the screw cover (2) is open,
- c) with the screw cover (2) closed the additional outlet port (12) is closed and, with the screw cover open, the additional outlet port (12) is open,



- d) In the region of its upper end, an axially sealed annular filter insert (4) made of filter web material folded in a star shape, through which the oil flow passes radially from the outside inwards, is held in a radially leak tight manner by a support (3) which extends axially through its centre and from which it can be detached.
- e) the support (3) is rotatably mounted on the screw cover (2) and projects as far as the bottom of the filter-housing cup (1), in which it closes the additional outlet port (12) when the cover (2) is closed.
- f) An outer-space (9) to form space for lubricating oil to be cleaned and a control space which lies within the filter insert (4) and extends downwards into the bottleneck-shaped extension of the filter housing cup (1) formed as clean space for cleaned lubricating oil, the centre of the filter insert (4) is connected to the outlet port for cleaned oil and is separated from the outer space (9) which lies radially to the outside of the filter insert (4) and contains the inlet port (8) for oil to be cleaned, for which purpose the filter insert (4) can be connected detachably and in a leak-tight manner at its lower end to a wall separating the dirty space and the clean space, characterized in that,
- g) The support (3) is designed exclusively as a radially permeable supporting tube (5), which rests against the filter insert (4), in the region surrounding by the filter insert (4) and situated between the ends of the latter,
- h) At its lower end, the filter insert (4) rests radially in a leak-tight manner against a region of the supporting tube (5) which is radially impermeable at that point,
- i) The radially impermeable region of the supporting tube (5), which is that associated with the lower end of the filter insert (4), continuous downwards with an axial boundary in the direction of the lower free end of the support (3) and, with the screw cover (2) closed, serves as a dividing wall between the clean space and the dirty space of the filter-housing cup (1),
- j) With the screw cover (2) closed, the radially impermeable region of the supporting tube (5) rests detachably in a leak-tight manner against the filter-housing cup (1),
 - 1) below the radially impermeable, axially bounded region of the supporting tube (5), the outlet port (10) lies in a radially permeable region of the support (13), so that the cleaned oil in the radially permeable region of the support (3) below the radially impermeable region of the support can flow through the support into the outlet port.

Complete Specification : 11 pages.

Drawing : 4 sheets.

Ind.Cl : 91 189535
Int.Cl⁴ : H 02 K - 7/18
Title : CONTROL SYSTEM FOR CONTROLLING THE ROTATION
SPEED OF A TURBINE.
Applicant : SIMENS AKTIENGESELLSCHAFT
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY
Inventor : 1. BERNHARD JERYE.
2. ALFRED SCHWOPE.

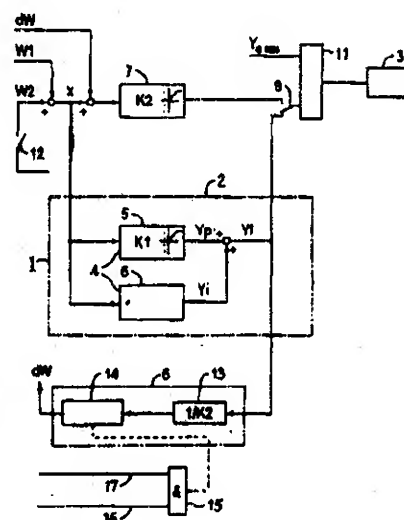
Application no. 1365/CAL/1996 FILED ON 31.07.1996.
(Convention no. 19528601.4 FILED ON 02.08.1995 IN GERMANY.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972).

Patent Office Kolkata.

3 CLAIMS.

Control system (1) for controlling the rotation speed of a turbine for producing electrical power, comprising a control structure with a PI controller (4) which comprises a P controller (5) and an I controller (6), and to which an error signal (X) can be supplied which is unambiguously dependent on the difference between the required value (W2) and the actual value (W1) of the rotation speed, it being possible to connect the control structure to an actuator (3) which is used to control the rotation speed during idle and/or insular operation of the turbine, and feeding a closing signal to the actuator (3) during load shedding,



Characterized in that said control structure is connected to the actuator (3) via minimum selection device (11) by means of a generator circuit breaker (9) the magnitude of the proportionality constant (K1) of the p controller (5) is such that the output signal (Yi) of the I controller (4) assumes the value zero when an error signal (X) having a minimum magnitude, which can be preset, is applied.

Complete Specification : 18 pages.

Drawing : 2 sheets.

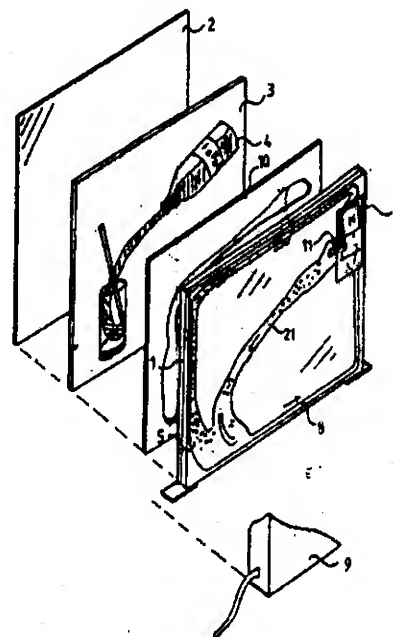
Ind.Cl : 146D₂ **189536**
Int.Cl⁴ : G 09 F 13/24 , G 09 F 19/00
Title : AN IMAGING DEVICE.
Applicant : HAKKERT, ROELOF MARTINUS, OF GELEENSTRAAT
43 III, NL-1078 LD AMSTERDAM , THE NETHERLANDS.
Inventor : MARTINA ROELOF HAKKERT.
Application no. 1601/CAL/96 FILED ON 09.09.1996.

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

14 CLAIMS.

An imaging device comprising a light source (9), an effervescence generator (1) comprising a liquid-containing unit and propagation means (5,6,7,8,11,21) for gas and for liquid contained in the liquid-containing unit and means (not shown) for controlled light projection through at least a part of the effervescence generator, said liquid being purified water, characterized in that an image carrier (3) is provided at a first side of which are arranged the effervescence generator (1) and the light source (9) and at the other side of which a combined image is obtained, and that a surface tension reducing agent is added to the purified water.



Complete Specification : 13 pages.

Drawing : 6 sheets.

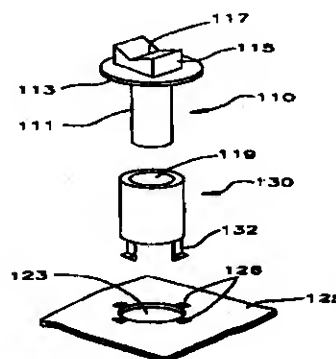
Ind.Cl : 148 H **189537**
Int.Cl⁴ : G 11 B 7/00
Title : VCR HAVING A REEL SENSOR PRISM DEVICE.
Applicant : DAEWOO ELECTRONICS CO. LTD. OF 541, 5-GA,
NAMDAEMOON-RO, JUNG-KU, SEOUL, KOREA.
Inventor : AHN SEONG-ICK.
Application no. 1701/CAL/1996 FILED ON 26.09.1996 .
(Convention no. 95-33435 FILED ON 30.09.1995 IN KOREA.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

9 CLAIMS.

A VCR having a reel sensor prism (140) device comprising a scattering member (110) for scattering light , a base (125) having a thruhole (123) for allowing said light generated from a reel sensor light emitting part (121) to pass therethrough and a fixing member (130) for fixing said scattering member (110) to said base (125), being characterized in that:



Said scattering member (110) is formed by a body part (111) for transmitting said light and a head (115) provided to an upper portion of said body part (111).

Said fixing member (130) is formed with a center hole (119) for being inserted with said body part (111) of said scattering member (110) through the center portion thereof and at least one pair of hooks (132) formed to a lower end, and

Said base (125) is formed with at least one pair of hook holes (126) in areas of corresponding to said hooks (132) of said fixing member (130) and said thruhole (123) is located in the center of said hook holes (126).

Complete Specification : 14 pages. Drawing : 3 sheets.

Ind.Cl : 55 E₄ **189538**

Int.Cl⁴ : A 61 K 31/00, C 07 C 233/00, 231/00

Title : A PROCESS FOR THE PREPARATION OF A DERIVATIVE
OF ACYL PIPERAZINYL PYRIMIDINE AND ITS PHYSIOLOGICALLY
ACCEPTABLE SALT.

Applicant : LABORATORIOS DEL DR. ESTEVE, S.A. OF AVENIDA MARE
DE DEU DE MONTSERRAT, 221, 08041, BARCELONA, SPAIN.

Inventor : 1. ARJONA-CORBERA JORDI.
2. DOMENECH-VANO DAVID
3. CONSTANSA-FRIGOLA JORDI.

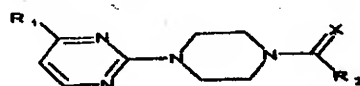
Application no. 851/CAL/99 FILED ON 22.10.1999.
(Convention no. 9701627 FILED ON 21.7.1997 IN SPAIN.)
(DIVIDED OUT OF NO. 1272/CAL/98 ANTEDATED TO 21.07.1998)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

2 CLAIMS.

A process for the preparation of a derivative of acyl piperazinyl pyrimidine of general formula (I), and its physiologically acceptable salt,



(I)

wherein,

X is an oxygen or sulphur atom

R₁ is a C₁₋₄ alkoxy or trifluoromethyl radical;

R₂ is a C₁₋₆ alkoxy radical; C₃₋₆ saturated cycloalkyl; heterocycloalkyl consisting of a ring of 3 to 6 atoms in which the heteroatom is selected from an atom of oxygen, sulphur or nitrogen, optionally N- substituted; phenyl optionally substituted with 1, 2 or 3 identical or different substituents selected from fluorine, chlorine, bromine, amino, acetamido, nitro, methyl, trifluoromethyl and methoxy, arylalkyl consisting of a C₁₋₆ alkyl group substituted by a phenyl radical optionally substituted by 1, 2 or 3 identical or different substituents selected from fluorine, chlorine, bromo, amino, acetamido, nitro, methyl, trifluoromethyl and methoxy, heteroaryl consisting of a 5 or 6 membered heteroatom ring, optionally substituted, or of fused

heteraromatic systems optionally substituted, of 9 or 10 atoms consisting of 1 or 2 heteroatoms selected from oxygen

sulphur and nitrogen,

selecting the aforementioned substituents from fluorine,

chlorine, bromine, amino, acetamido, nitro, methyl,

trifluoromethyl and methoxy; and heteroarylalkyl consisting

of an alkyl group of 1 to 3 carbon atoms substituted with a

heteroaryl radical consisting of a 5 or 6 member

heteroaromatic ring, optionally substituted, or of fused 9 to

10 member heteroaromatic systems, optionally substituted with

1 or 2 heteroatoms selected from oxygen, sulphur and

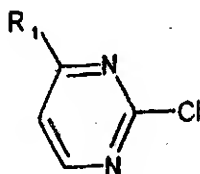
nitrogen, selected the aforementioned substituents from

fluorine, chlorine, bromine, amino, acetamido, nitro, methyl,

trifluoromethyl and methoxy; and their physiologically

acceptable salts, which comprises reacting a derivative of

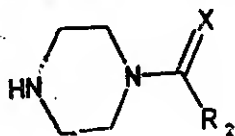
the chloropyrimidine of formula (III)



(III)

where R₁ has the meaning as defined above,

with a derivative of piperazine of general formula (IV)



(IV)

where R₂ has the meaning as defined above, and X represents

in an organic solvent, such as herein described, in presence of an organic or inorganic base such as herein described, at a temperature between the room temperature and the solvent boiling point; and optionally, reacting the said compound of general formula (I), so produced, in which X is an oxygen atom, with,

(a) Lawesson's reagent (2,4-bis(4-methoxyphenyl) - 1,3,2,4-dithiadiphosphethano - 2,4 - disulphide, or with phosphorus pentasulphide to obtain the corresponding thioamide of compound of formula (I) in which X is sulphur atom; or

(b) a mineral acid or an organic acid in an appropriate solvent to obtain the physiologically acceptable salt of the compound of formula (I).

Complete Specification : 44 pages.

Drawing : 1 sheets.

Ind.Cl : 32 F2(b) **189539**

Int.Cl⁴ : C 12 N 9/02, 15/00
C 12 P 7/42

Title : PROCESS FOR THE PREPARATION OF A NOVEL MODIFIED
DNA SEQUENCE OF THE PYRUVATE DECARBOXYLASE
GENE.

Applicant : FORSCHUNGSZENTRUM JULICH GMBH, OF D-52425 , JULICH,
GERMANY.

Inventor : 1. BRUHN HEIKE.
2. POHL MARTINA.
3. MESCH KATHRIN.
4. KULA MARIA REGINA.

Application no. 647/CAL/2000 FILED ON 17.11.2000 .

(Convention nos. 19518809.0 and 19523269.0 filed on 26.5.95 and 29.6.95 in GERMANY.)

(DIVIDED OUT OF NO.946/CAL/96 ANTEDATED TO 24.5.1996.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

6 CLAIMS.

A process for the preparation of a novel modified DNA sequence of the Pyruvate decarboxylase gene by the exchange of the codon TGG coding for tryptophan in position 392 in the DNA sequence of the wild type pyruvate decarboxylase gene obtained from *Zymomonas mobilis* by standard method, to a sterically smaller amino acid residue, such as herein described, with the aid of the polymerase chain reaction supported method , in the manner such as herein described.

Complete Specification : 17 pages.

Drawing : 3 sheets.

Ind.Cl : 105 C **189540**
Int.Cl⁴ : G 11 B 7/00
Title : AN OPTICAL DISK RECORDING/REPRODUCTION DEVICE.
Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. OF 1006
OHAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN.
Inventor : 1. NAGAI TAKAHIRO.
2. SATOH ISAO.
3. TAKAGI YUJI.
4. HISAKADO YUJI.
5. AOKI YOSHITO.
6. OHARA SHUNJI.
7. ISHIDA TAKASHI.

Application no. 121/CAL/2001 FILED ON 08.01.2001
(Convention nos 7-29436 AND 7-261245 FILED ON 17.02.95 AND 09.10.95 IN JAPAN
RESPECTIVELY.)
(DIVIDED OUT OF NO. 290/CAL/96 ANTEDATED TO 16.2.96.)

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972)

Patent Office Kolkata.

7 CLAIMS.

An optical disk recording /reproduction device for an optical disk (31) of a land/groove recording /reproduction type comprising a plurality of sectors (51-53) having a sector address region (5) and a data region (6,7) , the sector address region (5) of the optical disk (31) having a plurality of address blocks (54-57), at least two (54,55;56,57) of the plurality of address blocks that adjoin each other along a circumference direction being disposed so as to be shifted toward opposite sides with respect to a track centre, and each of the plurality of address blocks has a portion indicating an address number (13) for identifying the plurality of sectors from one another and a portion (14) indicating an ID number for identifying the plurality of address blocks from one another within the sector address region (5).

Wherein the recording /reproduction device comprises : and optical head (33) for radiating a light beam on the optical disk and receiving light reflected from the optical disk so as to output a reproduced signal (RF).

Characterised in that said device is provided with an address signal reproduction section (34) for reading the address number (13) and the ID number (14) when reproducing the sector address of the optical disk (31).

Complete Specification : 100 pages.

Drawing : 40 sheets.

Indian Classification :- 194 C1 189541

International Classification⁴ :- H 01 J 31/00

Title :- "AN ELECTRON GUN FOR A LARGE-SIZED COLOR CATHODE RAY TUBE."

Applicant :- L.G. ELECTRONICS INC., No. 20 Yoido-dong, Young dungpo-gu, Seoul, Korea.

Inventors :- WON HYUN KIM - KOREA
HEE WON YUN - KOREA
SUNG KIL KIM - KOREA
HYUN CHUL KIM - KOREA
SUNG HO CHO - KOREA
SUNG KI AHN - KOREA

Application for Patent Number 1660/DEL/1994 filed on 22/12/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch - 110 008.

(Claims 06)

An electron gun for a large-sized color cathode ray tube comprising three cathodes heated by a heater for emitting thermoelectrons characterized in that

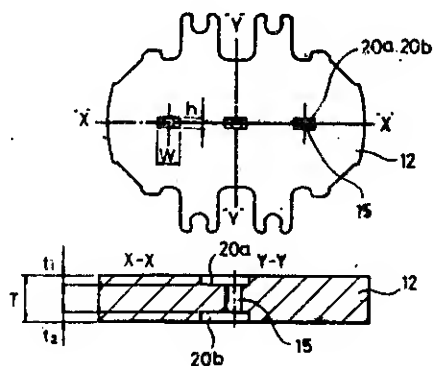
A first grid placed on one side of said cathodes for controlling the emitted thermoelectrons;

A second grid placed on the side of said first grid for forming rotary asymmetrical portions in both sides around electron beam passing holes;

A plurality of electrodes sequentially placed on one side of said second grid for accelerating and focusing the incoming electron beams; and

A bead glass for fixing said respective electrodes spaced apart by predetermined distances.

FIG 7



Indian Classification : 76 B, E 189542

International Classification : B 67 B 1/00, 5/00

Title : "A CLOSURE CAP FOR CONTAINERS".

Applicant : SBL LIMITED, an Indian company of 14 & 15,
"Arunachal", 19, Barakhamba Road, New Delhi
110001, India.

Inventors : SUKHJEET SINGH - INDIA

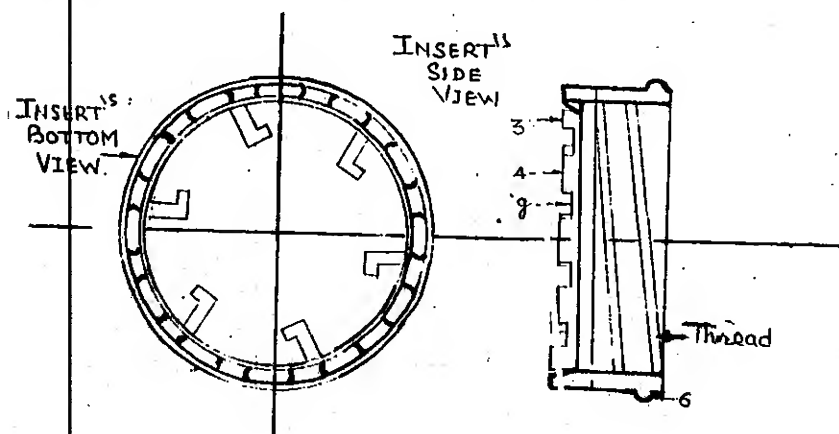
Application for Patent Number 1680/Del/94 filed on 23.12.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office
Branch, New Delhi - 110 008.

(05 Claims)

A Closure cap for containers characterized by.

- the outer cap (OC) having safety locks (1) and opening locks lugs (2) at predetermined places at its base and a projected ring (5) at its mouth on the inner side for holding the insert (I),
- an insert (I) for the said outer cap (OC) having threads on the inner side which corresponds to the threads of the container, a projected ring at its mouth on the ~~outer~~ side to fit in the projected ring of the outer cap (OC), the base of the insert has plugging lugs (2) having gaps (g) corresponding to the opening lock lugs in the outer cap (OC) and L-shaped legs at the base of said alternate plugging lugs for locking the cap with the safety lock lugs.



(COMPLETE SPECIFICATION -05- SHEETS

DRAWING SHEETS -02)

Indian Classification	:	154 D, 203	189543
International Classification	:	D 21H 5/10	
Title	:	"AN APPARATUS FOR QUALITY CONTROL OF PRINTED SHEETS"	
Applicant	:	DE LA RUE GIORI S.A. of 4, rue de la Paix, 1003 LAUSANNE/SWITZERLAND.	
Inventors	:	LUIGI STRINGA- ITALIAN.	

Application for Patent Number 1697/DEL/94 filed on 28.12.94.

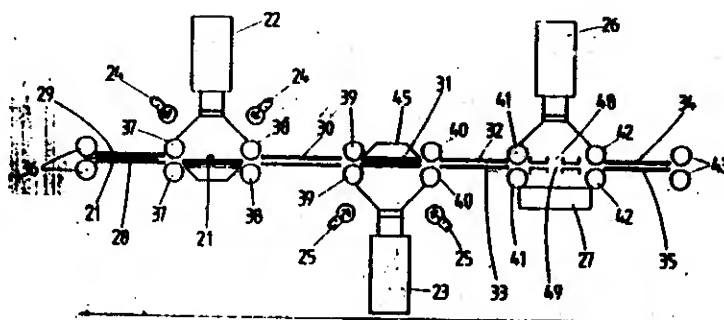
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(7 Claims)

An apparatus for quality control of printed sheets especially security paper comprising:

- transferring means of the kind as herein described for transporting said sheets in a plane in order to carry out a check on the print quality of each of the faces of the sheet as well as a quality check using transparency in succession and in a single pass
- checking means for checking the print quality, said checking means including two (2,3,22,23) cameras located on either side of said plane at two offset locations, said transferring means being designed to leave an open window beside each camera for checking the quality if the corresponding face using reflection, while the sheet is kept flat facing said camera and
- a third (6,26) camera for checking using transparency and a slit (18) facing the third camera.

FIG. 3



Indian Classification : 180

189544

International Classification : F 24 C 7/00

"AN ENCODER KEY INPUT DEVICE FOR AN MICROWAVE OVEN"

Applicant : L.G. ELECTRONICS INC., INCORPORATED UNDER THE LAWS OF REPUBLIC OF KOREA WHOSE ADDRESS IS 20, YOIDO-DONG, YOUNG DUNGPO-GU, SEOUL, KOREA,

Inventors : KYUNG HWAN, CHOI—KOREAN.

Application for Patent Number 1703/DEL/1994 filed on 29.12.1994.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 008.
(03 Claims)

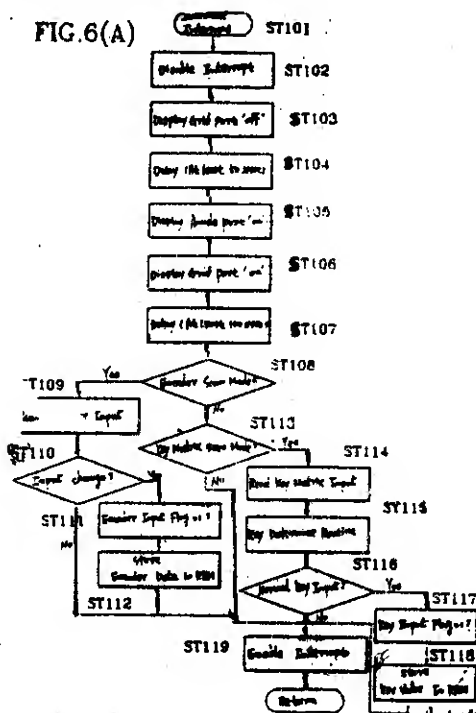
An encoder key input device for a microwave oven comprising :

A key matrix unit including a set of matrix output ports, a first set of matrix input ports, a first set of lines parallelly connecting said first set of matrix input ports to said set of matrix output ports, a second set of matrix input ports, a second set of parallel lines connected at one end thereof to said second set of matrix input ports, each one of the lines in said second set of parallel lines having a plurality of switches for connecting its respective line in said second set to each one of said first set of input ports via a respective one of the lines in said second set of parallel lines, the closed switch and a respective one of said first set of parallel lines to a respective one of said matrix output ports;

An encoder circuit including an encoder input port, a set of encoder output ports parallelly connected to said first set of matrix input ports, a plurality encoder lines interconnecting said encoder input port and said set of encoder output ports, and a selectively operable encoder switch in each one of the parallel encoder lines between said encoder input port and a respective one of said encoder output ports; wherein operation of each one of the encoder switches to a close position connects said encoder input port via a respective one of the parallel encoder lines, the closed encoder switch, a respective one of said encoder output ports, respective one of said first set of matrix input ports, a respective one of said first set of lines to a respective one of said matrix output ports;

a display unit having a set of parallel input ports for displaying current functions; and

means including a micro computer for generating output signals to control said key matrix unit, said encoder circuit and said display unit; said micro computer comprising a plurality of input ports connected by parallel input lines to said matrix output ports, a plurality of output ports connected by parallel output lines to said display unit, a first one of said micro computer output lines being additionally connected to said encoder input port, and the other micro computer output lines each being also connected to a different one of said second set of matrix input ports.



Indian Classification : 80 K 189545
International Classification⁴ : B 01D 46/00
Title : "A FABRIC FILTER APPARATUS FOR REMOVAL
PARTICULATE MATTER FROM A GAS STREAM"
Applicant : LURGI PACIFIC PTY LTD., an Australian
company of 72, Market Street, South Melbourne,
Victoria 3205, Australia.
Inventors : HOWARD FREEMAN JOHNSON – Australian.

Application for Patent Number 1709/DEL/94 filed on 29.12.94

Convention date 10.01.94/ PM3290/ AUSTRALIA.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch,
New Delhi – 110 008.

(6 Claims)

A fabric filter apparatus for removal of particulate matter from a gas stream having a prismatic housing defining a dusty gas section with an elongate horizontal inlet thereto and a clean gas section with an outlet therefrom, a porting plate mounted in the housing separating the dusty gas section from the clean gas section and a substantially circular array of fabric filter bags depending therefrom, the inlet being adjacent the lowermost end of the filter bags; said housing further including a generation/distribution means to generate pulses of back flushing gas and distribute said pulses periodically into the open upper ends of the fabric filter bags through respective ports in the porting plate, wherein respective dusty gas flow ducts are located in each of two corners of the prismatic housing at opposed lateral ends of the inlet, said ducts being in fluid communication with the inlet and extending substantially vertically upwards so as to direct a portion of the dusty gas inflowing through the inlet upwardly of the housing to exit each duct at a level intermediate the inlet and the porting plate.

(Complete Specification Pages – 10 Drawing sheets - 3)

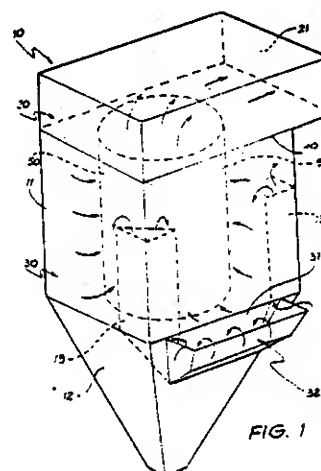


FIG. 1

Indian Classification :- 5 D 189546

International Classification⁴ :- A 01G 5/00

Title :- A device for separating Stigma and Style from the Pistil of Flowers.

Applicant :- Council of Scientific and Industrial Research INSDOC Building, 14, Satsang Vihar Marg, Off. SJS Sansanwal Marg, Special Institutional Area, New Delhi-110067.

Inventors :- JUGAL KISHORE SAMA - INDIA
BANSI LAL RAINA - INDIA
ASHOK KUMAR BHATIA - INDIA

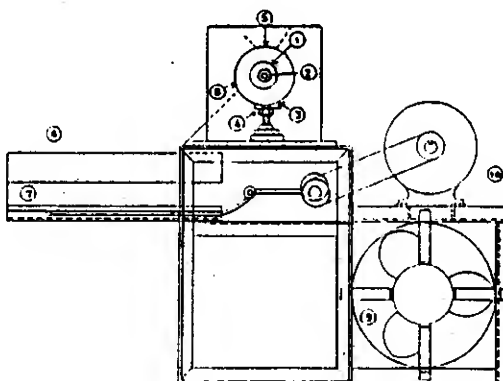
Application for Patent Number 1738/del/1994 filed on 30/12/1994

Complete left after Provisional Specification filed on 30/12/1994 Complete filed on : 27/3/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, New Delhi Branch - 110 008.

(Claims 02)

A device for separating stigma and style from the pistil of flowers, which comprises a roller (1) rotatably mounted by known means on an axle (2) and connected by known means to a prime mover (10), the said roller (1) being fitted inside a pipe (3), the outer surface of the said roller (1) and the inner surface of the pipe (3) being provided with brush having bristles of height so as to have continuous intermeshing, two slit openings (5 & 8) being provided on the body of the said pipe (3) for feeding (5) the pistils and removal (8) of the separated components, a jack (4) being provided at the ends of the said pipe (3) for changing the area & depth of intermeshing of the said roller & pipe bristles, vibrating sieves (6 & 7) and air blower (9) being provided below the said slit (8) for separating stigma and style.



Provisional Specification	No of Pages	07	Drawings Sheets	01
Complete Specification	No of Pages	06	Drawings Sheets	01

Indian Classification : 114 D 189547
International Classification⁴ : A 43 1/00,
Title : "IMPROVED FOOTWEAR".
Applicant : A P I POLYMERS (INDIA) LIMITED, a
Company incorporated under the Indian
Companies Act, 1956 having its registered office
at J-17, Udyog Nagar, Rohtak Road, Delhi-
110041.
Inventors : HARI KRISHAN AGARWAL - INDIA

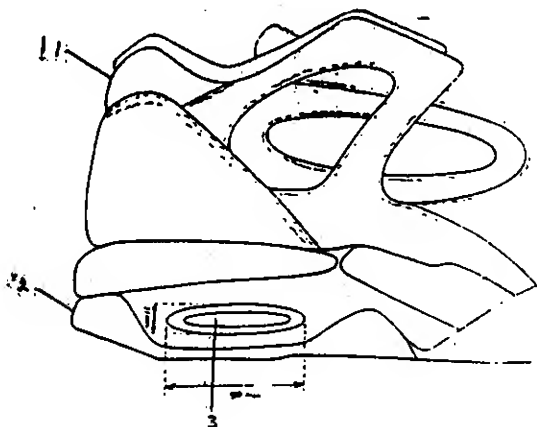
Application for Patent Number 156/Del/95 filed on 03.02.1995

COMPLETE LEFT AFTER PROVISIONAL SPECIFICATION FILED ON 25.04.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi - 110 008.

(07 Claims)

An Improved Footwear which consists of an upper part made of leather sheet or rubber sheet or canvas sheet or foam-backed leather, rubber, plastic, canvas sheet or the like, secured to a bottom part comprising the sole and heel of the footwear and made of compressed leather, rubber, plastic or the like material characterized in that in the heel portion of the bottom part of the footwear is provided one tunnel or a plurality of tunnels running throughout the width or length or both width and length from its one end to its other end.



(PROVISIONAL SPECIFICATION 03 SHEETS
(COMPLETE SPECIFICATION 06-SHEETS

DRAWING SHEETS - 01-)
DRAWING SHEETS - 01-)

Indian Classification	: 206 E	189548
International Classification ⁴	: E 21 F 17/18	
Title	: "A DATA ACQUISITION SYSTEM USEFUL FOR UNDERGROUND MINES."	
Applicant	: Council of Scientific & Industrial Research. INSDOC Building, 14, Satsang Vihar Marg. Special Institutional Area, N.Delhi-110 067.	
Inventors	: SATISH CHANDRA SRIVASTAVA LAKSHMI KANT BANDYOPADHYAY SUNIL SRIVASTAVA SANJIV SINHA SUJIT KUMAR SINHA MOHAN KANT DUTTA EMANUAL TUDU PARMANAND THAKUR. RADHEY SHYAM SRIVASTAVA. ALL INDIAN CITIZEN	

Application for Patent Number 174/Del/95 filed on 07.02.1995.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(07 Claims)

A data acquisition system useful for underground mines which comprises one or more underground data stations (1)(fig.1), the said data station consists of appropriate sensor (4)(fig.3), output of the said data station being connected to the input of a signal processor (5)(fig.3), the said signal processor (5) being connected to an analog to digital converter (8)(fig.3) of an underground microprocessor board (6)(fig.3) through a data link (2)(fig.3), serial port (9)(fig.3) of the said underground microprocessor board being connected to a surface microprocessor (10)(fig.4) of surface data station (3)(fig.1), the said surface microprocessors being connected to a personal computer (11)(fig.4), the said sensors, signal processor, underground and surface microprocessors and the personal computer all being connected to an stabilised intrinsically safe power supply (7)(fig.7).

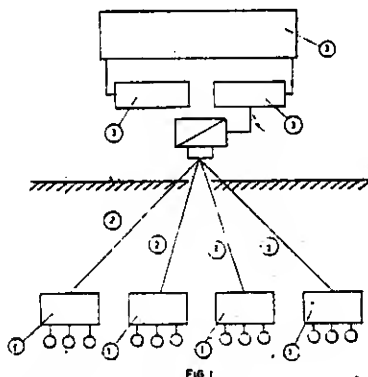


FIG. 1

(COMPLETE SPECIFICATION 13 SHEETS

DRAWING SHEETS -08-)

Indian Classification	:	148 J	189549
International Classification	:	G 06 K 7/10	
Title	:	"A REPRODUCTION APPARATUS FOR REPRODUCING DOCUMENTS".	
Applicant	:	N. V. BEKAERT S.A. Belgium company, of Bekaertstraat 2, B-8550 Zwevegem. Belgium.	
Inventors	:	JOHAN SAMYN WALTER VAN LOOCK ALL Belgium.	

Application for Patent Number 212/Del/95 filed on 10.02.95

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi – 110 008.

(12 Claims)

A reproduction apparatus (14) for reproducing documents (12), said apparatus comprising:

CHARACTERIZED IN THAT the number of microwave emitters, the number of microwave receivers and the number of microwave detectors are greater than or equal to the number of microwave sources, the position and number of the microwave emitters (30) and the microwave receivers (30) being such that they can detect the presence of particles (13) having some electromagnetic properties which are substantially different from the corresponding electromagnetic properties of the base material and being incorporated in at least part of the base material of the documents, irrespective of the position and size of the documents (12) on the scanning area.

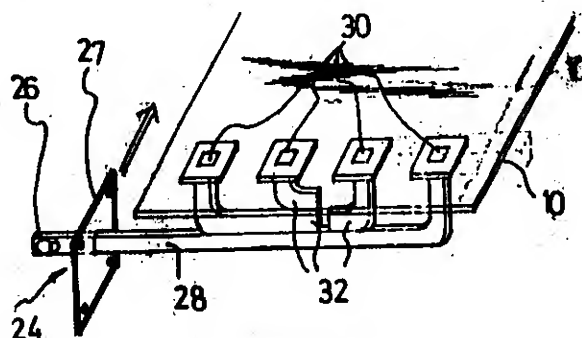


FIG. 3(a)

(COMPLETE SPECIFICATION -26- SHEETS

DRAWING SHEETS -05-)

Indian Classification :- 76 E 189550

International Classification⁴ :- F 16 B 2/00

Title :- "A METHOD FOR MANUFACTURING A TEXTURED PRESSURE SENSITIVE ADHESIVE FASTENER."

Applicant :- The Procter & Gamble Company, a corporation organized and existing under the laws of the State of Ohio, United States of America, of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America,

Inventors :- CHARLES FREDERICK BATTRELL - U.S.A.

Application for Patent Number 231/del/1995 filed on 14/2/1995

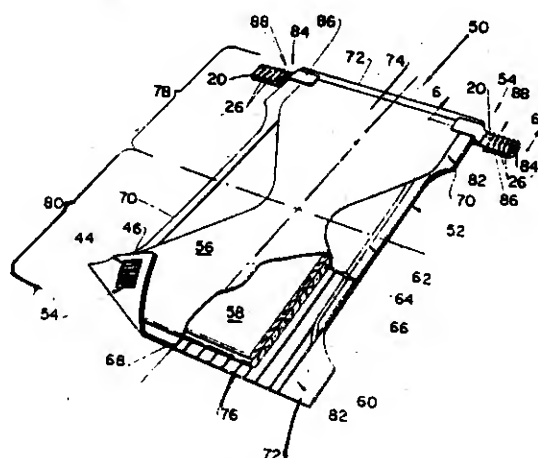
Divided out of Application for Patent Number 454/DEL/1990 filed on 14/5/1990
Ante dated to 14/05/1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office New Delhi Branch - 110 008.

Claims (09)

A method for manufacturing a textured pressure-sensitive adhesive fastener, said method comprising the steps of (a) providing a backing web having a first surface and a second surface, the backing web having discrete, bulbous surface aberrations projecting from the first surface, at least some of said bulbous surface aberrations having an end portion and base portion, wherein said end portion comprises at least one microbubble substantially coinciding with the point of maximum amplitude of said bulbous surface aberration, and said microbubble and said base portion of said bulbous surface aberration each, have opposed walls separated by an intervening space; (b) coating a pressure sensitive adhesive layer over at least a portion of the surface of at least some of said bulbous surface aberrations; and (c) bonding said pressure sensitive adhesive layer to said backing web.

Fig 5



OPPOSITION PROCEEDINGS

An opposition has been entered by INMARCO INDUSTRIAL MAINTENANCE (P) LTD., Mumbai-400 059, to the grant of a Patent on Patent Application No. 188304 (127/BOM/1997) made by M/s. STOPLIK SERVICES (I) PVT. LTD., Thane-400 604.

An opposition has been entered by M/s. INMARCO INDUSTRIAL MAINTENANCE (P) LTD., 257 Sanjay Bldg. No. 5B, Mittal Indl. Estate, Andheri (E), Mumbai-400 059, Maharashtra, India to the grant of a Patent on Patent Application No. 188305 (129/BOM/1997) made by M/s. STOPLIK SERVICES (INDIA) PVT. LTD., Plot No. A/465, Road No. 28, wagle Industrial Estate, Thane-400 604, Maharashtra, India.

An opposition has been entered by M/s. MECHANICAL PACKING INDUSTRIES PVT. LTD., 15 Parsi Panchayat Road, Andheri (E), Mumbai-400 069, Maharashtra, India to the grant of a Patent on Patent Application No. 188305 (129/BOM/1997) made by M/s. STOPLIK SERVICES (INDIA) PVT. LTD., Plot No. A/465, Road No. 28, wagle Industrial Estate, Thane-400 604, Maharashtra, India.

An opposition has been entered by M/s. MECHANICAL PACKING INDUSTRIES PVT. LTD., 15 Parsi Panchayat Road, Andheri (E), Mumbai-400 069, Maharashtra, India to the grant of a Patent on Patent Application No. 188306 (130/BOM/1997) made by M/s. STOPLIK SERVICES (INDIA) PVT. LTD., Plot No. A/465, Road No. 28, wagle Industrial Estate, Thane-400 604, Maharashtra, India.

PATENT SEALED ON 21-02-2003.

187305*D

KOL—NIL, DEL—01, MUM—NIL, CHEN—NIL.

*Patent shall be deemed to be endorsed with the words "LICENCE OF RIGHT" under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

*D=Drug Patents

*F=Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are open for public inspection from the date of registration.

The date shown in the each entries in the date of registration included in the entries.

Class.	07-02	No.189879. M/S. SITLAX LTD., 381, Blair Road, Avenel, NJ 07001-2291, New York, U.S.A. "BOWL", 6 SEPTEMBER 2002.
Class.	07-02	No.18878. M/S. SITLAX LTD., 381, Blair Road, Avenel, NJ 07001-2291, New York, U.S.A. "SPOON", 6 SEPTEMBER 2002.
Class.	08-05	No.189388. THE SIGMA STEEL INDUSTRIES (REGD.), A-2, Industrial Estate, Ludhiana-141003, Punjab, India. "KNAPSACK SPRAYER", 4 JULY 2002.
Class.	06-99	No.188773. M/S. MAC DÉCOR LIMITED, 5, Community Centre, East of Kailash, NewDelhi:-110065, India. "CURTAIN ROD FINIAL", 17 APRIL 2002.
Class.	19-06	No.189420. BIC CORPORATION, 300 BIC Drive, Milford, CT 06460, U.S.A., "WRITING INSTRUMENT", 11 JANUARY 2002 [RECIPROCITY U.S.A.]
Class.	23-01	No.189376. FRIEDRICH GROHE AG & COMPANY KG., Hauptstrasse 137, D-58675 Hemer, Germany. "COVER PLATE WITH HANDLES FOR CONCEALED VALVES", 23 JANUARY 2002[RECIPROCITY GERMANY].
Class.	08-99	No.189465. SH. J.S. VEDI, 5, Central Mkarket, West Punjabi Bagh, New Delhi:-26, (India). "HYDRAULIC DOOR CLOSER", 12 JULY 2002.
Class.	07-01	NO.189475. SUNDRYDGE INDIA HERITAGE LIMITED, Haveli No.8, Mehrauli, New Delhi:-110030, India. "MUG HANDLE", 15 JULY 2002.
Class.	03-04	No.190014. KHAITAN (INDIA) LIMITED, 46C, Jawahar Lal Nehru Road, Kolkata:-700071, West Bengal, India. "STAND FAN", 23 SEPTEMBER 2002.

Class.	07-02	No.189674. MILTON GLOBAL LIMITED. Kaiser-I Hind Building, 3 rd floor, Currimbhoy Road, Ballard Estate, Mumbai:-400 001, Maharashtra, India. "CONTAINER", 7 AUGUST 2002.
Class.	07-01	No.190258. M/S. RONCH POLYMERS PVT. LTD., 3, Nanji Rawji Bldg., A.D. Marg, Sewree Naka, Mumbai:-400015, Maharashtra, India. "JAR CPRESERVEY", 21 OCTOBER 2002.
Class.	15-01	No.189407. FESTO AG & COMPANY, Rüter Strasse 82, D-73734 Esslingen, Germany. "PNEUMATIC CYLINDER", 2 FEBRUARY 2002 [RECIPROCITY GERMANY].
Class.	31-00	No.189464. M/S. COMMANDS ELECTRICALS, D-4, Flated Factory Complex, Jhandewalan, New Delhi:-55 (INDIA). "ELECTRIC ROASTER FOR CHICKEN & FISH", 12 JULY 2002.
Class.	23-01	No.189378. FRIEDRICH GROHE AG & COMPANY KG., Hauptstrasse 137, D-58675 Hemer, Germany. "SHOWER MIXER", 23 JANUARY 2002[RECIPROCITY GERMANY].
Class.	23-01	No.189377. FRIEDRICH GROHE AG & COMPANY KG., Hauptstrasse 137, D-58675 Hemer, Germany. "BATH MIXER", 23 JANUARY 2002[RECIPROCITY GERMANY].
Class.	02-04	No.189427. M/S. EM ES ENTREPOT, Sahani Market, Shahganj, Agra (U.P.) India. "SOLE OF FOOTWEAR", 10 JULY 2002.
Class.	02-04	No.189428. M/S. EM ES ENTREPOT, Sahani Market, Shahganj, Agra (U.P.) India. "SOLE OF FOOTWEAR", 10 JULY 2002.
Class.	02-04	No.189429. M/S. EM ES ENTREPOT, Sahani Market, Shahganj, Agra (U.P.) India. "SOLE OF FOOTWEAR", 10 JULY 2002.
Class.	05-05	No.189776. THE RISHABH VELVELEN LIMITED, 9 th KM, Hardwar-Delhi Road, Near Ranipur Tool Barrier, Jwalapur, Hardwar 249407, U.P., India. "TEXTILE FABRIC", 13 AUGUST 2002.

Class.	05-05	No.190262. THE RISHABH VELVELEEN LIMITED, 9 th KM, Hardwar-Delhi Road, Near Ranipur Tool Barrier, Jwalapur, Hardwar 249407, U.P., India. "TEXTILE FABRIC", 13 AUGUST 2002.
Class.	10-04	No.189195. M/S. KONARAK INDUSTRIA #22, Banashankari II stage, Industrial Layout, Bangalore;-560 070, Karnataka, India. "12 JUNE 2002.
Class.	09-09	No.189351. AGRO HARDWAR INDUSTRIES PVT. LTD., Bypass Gumtala, Amritsar, Punjab, India. "SKIRT OF SNAPSACK SPRAYER", 1 JULY 2002.
Class.	09-01	No.189350. M/S. HERB'S INDIA PRODUCTS, E-108A, Shastri Nagar, Delhi:-110052, India. "BOTTLE", 1 JULY 2002.
Class.	23-04	No.189190. GIAN ENTERPRISES, C-147, Mayapuri Industrial Area, Phase-I.I, New Delhi:-110064, India. "COOLER CABINET", 11 JUNE 2002.
Class.	02-04	No.189549. GAYATRI FOOTWEARS PVT. LTD., 138, Rajdhani Enclave, Pitam Pura, Delhi:-110034, India. "FOOTWEAR", 24 JULY 2002.
Class.	05-05	No.189866. THE RISHABH VELVELEEN LIMITED, 9 th KM, Hardwar-Delhi Road, Near Ranipur Tool Barrier, Jwalapur, Hardwar 249407, U.P., India. "TEXTILE FABRIC", 4 SEPTEMBER 2002.
Class.	02-04	No.189545. GAYATRI FOOTWEARS PVT. LTD., 138, Rajdhani Enclave, Pitam Pura, Delhi:-110034, India. "FOOTWEAR", 24 JULY 2002.
Class.	02-04	No.189546. GAYATRI FOOTWEARS PVT. LTD., 138, Rajdhani Enclave, Pitam Pura, Delhi:-110034, India. "FOOTWEAR", 24 JULY 2002.
Class.	09-01	No.190183. M/S. EMAMI LIMITED, 6A, R.N. Mukherjee Road, Stephen House, Calcutta;-700 001, W.B., India. "CONTAINER", 10 OCTOBER 2002.

Class.	21-02	No.189482. M/S. R.K. PLASTIC WORKS, 239/20, Onkar Nagar-B, TRI Nagar, Delhi:-110 035, India. "BODY GYM DOUBLE SHOKKER", 16 JULY 2002.
Class.	19-06	No. 190249. G.M. PENS INTERNATIONAL PVT. LTD., 2, Janakpuri, Velachery Bypass Road, Post Box No.8280 & 8289, Chennai;-600042, T.N., India. "PENCIL", 18 OCTOBER 2002.
Class.	24-99	No.190291. SPACEAGE MULTIPRODUCTS (P) LTD., 16, Ganesh Chandra Avenue, Kolkata:-700 013, W.B., India. "MORNING WALKER", 25 OCTOBER 2002.
Class.	09-01	No.190190. GLASS AND CERAMIC DECORATORS UNIT OF THE MAHALAKSHMI GLASS WORKS PVT. LTD., 9 E, Dr. E. Moses Road, P.O. Box No.6251, Mumbai:-400 011, Maharashtra, India. "BOTTLES", 10 OCTOBER 2002.
Class.	07-01	No.189476. SUNDRYDGE INDIA HERITAGE LTD., Haveli No.8, Mehrauli, New Delhi:-110030, India. "MUG HANDLE", 15 JULY 2002.
Class.	10-04	No.190175. FREEMAN'S MEASURES LTD., G.T. road, Jugiana, Ludhiana-141120, Punjab, India. "MEASURING TAPE", 9 OCTOBER 2002.
Class.	09-01	No.189479. PEARL POLYMERS LTD., 704, Rohit House, 3 Tolstoy Marg, New Delhi:-110001, India. "CAP OF BOTTLE", 16 JULY 2002.
Class.	02-04	No.189760. M/S. BENGAL INDUSTRIES. 1/32, Shahganj, Agra (U.P.), India. "SOLE OF FOOTWEAR", 19 AUGUST 2002.
Class.	08-07	No.189975. M/S. VICTORIA LOCK, 5/56, Nagla Masani, 1 Kher Road, Aligarh (U.P.), India. "LOCK", 19 SEPTEMBER 2002.
Class.	23-01	No.189166. M/S. A.S. RAMGARHIA ENTERPRISES, Ramgarhia Chowk, Chotti Nagar, Malakpur, Pathankot 145025, (Pb.) (India). "FOOT VALVE FOR OIL TANKERS", 4 JUNE 2002.

Class.	02-04	No.189361. M/S. MAYA POLYMERS. 11/31-32-C, Sita Nagar, RamRam Bagh, Agra, (U.P.) India. "SOLE OF FOOTWEAR", 2 JULY 2002.
Class.	09-03	No.189382. MODICARE PVT. LTD., 4, Community Centre, New Friends Colony, New Delhi:-110065, India. "CONTAINER", 4 JULY 2002.
Class.	09-07	No.189312. BISLERI INTERNATIONAL PVT. LTD., Western Highway, Andheri(E), Mumbai:-400 099, Maharashtra, India. "CAP", 27 JUNE 2002.
Class.	09-01	No.189481. PEARL POLYMERS LTD., 704, Rohit House, 3, Tolstoy House, New Delhi:-110001, India. "CAP OF BOTTLE", 16 JULY 2002.
Class.	09-01	No.189710. S.D. FINE-CHEM LTD., 315-317, T.V. Industrial Estate, 248, Worli Road, P.B. No.19160, Mumbai:-400 025, Maharashtra, India. "BOTTLE", 12 AUGUST 2002.

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